

12/12/01
JC984 U.S. PTO

12-18-01

10/01/10

A

UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.: S-96,583

First Inventor or Application Identifier: Thomas C. Terwilliger

Title: METHOD FOR REMOVING ATOMIC-MODEL BIAS IN MACROMOLECULAR CRYSTALLOGRAPHY

Express Mail Label No: EJ039303974US

APPLICATION ELEMENTS

ADDRESS TO: Box Patent Application
Commissioner for Patents
Washington, DC 20231

- * Fee Transmittal Form (e.g. PTO/SB/17)
(submit an original and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 24]
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R&D
 - Reference to sequence listing, a table or a computer program listing appendix
 - Background of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawings(s) [35 U.S.C. 113] [Total Sheets 11]
 - Formal
 - Informal
- Declaration & Power of Attorney [Total Pages 2]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. 63(d))
(for continuation/divisional with Box 16 completed)
 - c. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33 (b).

6. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. Computer Readable Copy
- b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
- c. Statement verifying identity of above copies

J1046 U.S. PTO
10/017643

12/12/01

ACCOMPANYING APPLICATION PARTS

8. Assignment Papers (cover sheet & documentation)
9. 37 C.F.R. §3.73(b) Statement Power of Attorney (when there is an assignee)
10. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
11. Preliminary Amendment
12. Return Receipt Postcard (MPEP 503) *(should be specifically itemized)*
13. Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
14. Request and Certification Under 35 U.S.C. 122(b)(2)(b)(i)
15. Other:

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment

Continuation Divisional Continuation-in-part (CIP) of prior application S.N. _____ / _____.

Prior application information: Examiner

Group/Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

16. CORRESPONDENCE ADDRESS

Name: Ray G. Wilson

Address: Los Alamos National Laboratory
LC/IP, MS A187

City: Los Alamos State: New Mexico Zip Code 87545

Country: United States Telephone: (505) 665-3112 Fax: (505) 665-4424

| | | | |
|-------------------|---------------|-----------------------------------|--------|
| Name (Print/Type) | Ray G. Wilson | Registration No. (Attorney/Agent) | 28,351 |
|-------------------|---------------|-----------------------------------|--------|

| | | | |
|------------|---------------|-------|---------------|
| Signature: | Ray G. Wilson | Date: | Dec. 12, 2001 |
|------------|---------------|-------|---------------|

FEE TRANSMITTAL For FY 2002

Patent fees are subject to annual revision

| Complete if Known | |
|-----------------------|-----------------------|
| Application Number: | |
| Filing Date: | |
| First Named Inventor: | Thomas C. Terwilliger |
| Examiner Name: | |
| Group/Art Unit: | |
| Attorney Docket No.: | S-96,583 |

METHOD OF PAYMENT

1. The commissioner is hereby authorized to charge indicated fees and credit any over payments to:
 Deposit Account Number: 12-2150
 Deposit Account Name: Los Alamos National Laboratory
- Charge Any Additional Fee Required Under 37 C.F.R. 1.16 and 1.17
- Applicant claims small entity status.
 See 37 CFR 1.27

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Large Entity | Small Entity | Fee | Fee | Fee Description | Fee Paid |
|---|--------------|--------------|-------------------------|--|-----------------|
| | | \$740 | \$370 | Utility filing fee | \$370.00 |
| | | \$740 | \$370 | Reissue filing fee | |
| | | \$160 | \$80 | Provisional filing fee | |
| | | | | SUBTOTAL (1) | \$370.00 |
| SMALL ENTITY DATE: | | | | | |
| 2. EXTRA CLAIM FEES | | | | | |
| | | Extra Claims | Fee from Fee Paid Below | | |
| Total Claims | 11 | -20** = 0 | X 0 = 0 | | |
| Independent | 1 | -3 ** = 0 | X 0 = 0 | | |
| Claims | | | | | |
| Multiple Dependent | | 1 | x 140 = \$140 | | |
| ** or number previously paid, if greater; For Reissues, see below | | | | | |
| Large Entity | Small Entity | Fee | Fee | Fee Description | |
| \$18 | \$9 | | | Claims in excess of 20 | |
| \$84 | \$42 | | | Independent claims in excess of 3 | |
| \$280 | \$140 | | | Multiple dependent claim, if not paid. | |
| \$84 | \$42 | | | ** Reissue independent claims over original patent | |
| \$18 | \$9 | | | ** Reissue claims in excess of 20 and over original patent | |
| | | | | | |
| | | | | SUBTOTAL (2) | \$140 |
| Reduced by Basic Filing Fee Paid | | | | | |
| SUBTOTAL FROM 1 | | | | | |
| SUBTOTAL FROM 2 | | | | | |
| SUBTOTAL FROM 3 | | | | | |
| TOTAL AMOUNT OF PAYMENT | | | | | |
| | | | | | \$510.00 |

SUBMITTED BY

Complete (if applicable)

| | | | |
|---------------|---------------|----------------|-------------------------|
| Printed Name: | Ray G. Wilson | Reg. No | 30,620 |
| Signature: | Kay G. Wilson | Date: 12-12-01 | Telephone (505)665-3112 |

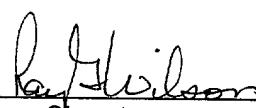
| | |
|--|--|
| REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(b)(i) | First Named Inventor: Thomas C. Terwilliger |
| | Title: METHOD FOR REMOVING ATOMIC-MODEL BIAS IN MACROMOLECULAR CRYSTALLOGRAPHY |
| | Atty Docket Number: S-96,583 |

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122 (b).

12-12-01

Date



Signature

Ray G. Wilson

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**